DANIEL NOAH LEYZBERG, PH.D.

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EDUCATION

YALE UNIVERSITY   *New Haven, CT* (2007 - 2014)
- **Ph.D.**, Computer Science, 2014.
  - Area: Social Robotics.
  - Advisor: Brian Scassellati.
  - Dissertation: *Creating Personalized Robot Tutors That Adapt to Students' Individual Learning Differences.*
- **M.S.**, Computer Science, 2009.

RENSSELAER POLYTECHNIC INSTITUTE   *Troy, NY* (2004 - 2007)
- Dual **B.S.**, Mathematics and Computer Science, *Summa Cum Laude.*

TEACHING

PRINCETON UNIVERSITY, Lecturer   *Princeton, NJ* (Fall 2014 - Present)
- Teach and develop course materials for COS 126 **"General Computer Science"**.

HAMDEN HALL COUNTRY DAY SCHOOL, Teacher   *Hamden, CT* (Fall 2008 - Spring 2014)
- Taught "**AP Computer Science**" and "**Computer Science Principles**" for six years while working on my thesis.
- Developed all of my own course material for both courses, including syllabi, lectures, assignments, and exams.
- Developed and taught a summer "**Introduction to Robotics**" course for middle school students.

YALE UNIVERSITY, Graduate Teaching Fellow   *New Haven, CT* (Fall 2009 - Spring 2010)
- One-on-one tutoring, grading, and led discussion sections, and exam review sections for three courses: "**Introduction to Computer Science**," "**Introduction to Programming**," and "**Artificial Intelligence**."

RENSSELAER POLYTECHNIC INSTITUTE, Undergraduate Teaching Assistant   *Troy, NY* (Spring 2006)
- One-on-one tutoring for "**Data Structures & Algorithms**."

PUBLICATIONS

JOURNAL ARTICLES
- E. S. Kim, L. D. Berkovits, E. P. Bernier, D. Leyzberg, F. Shic, R. Paul, and B. Scassellati. 2012. **Social Robots as Embedded Reinforcers of Social Behavior in Children with Autism**. *Journal of Autism & Developmental Disorders*.

CONFERENCE PAPERS
- D. Leyzberg, S.Spaulding, and B. Scassellati. 2014. **Personalizing Robot Tutors to Individuals' Learning Differences**. *Proceedings of the 9th ACM/IEEE Int. Conference on Human Robot Interaction*. Bielefeld, Germany.
- D. Leyzberg, S. Spaulding, M. Toneva, and B. Scassellati. 2012. **The Physical Presence of a Robot Tutor Increases Cognitive Learning Gains**. *Proceedings of the 34th Conference of the Cognitive Science Society.* Sapporo, Japan.
- D. Leyzberg, E. Avrunin, J. Liu, and B. Scassellati. 2011. **Robots That Express Emotion Elicit Better Human Teaching**. *Proceedings of the 6th ACM/IEEE Int. Conference on Human Robot Interaction.* Lausanne, Switzerland.
- E. S. Kim, D. Leyzberg, K. M. Tsui, and B. Scassellati. 2009. **How People Talk When Teaching a Robot**. *Proceedings of the 4th ACM/IEEE Int. Conference on Human Robot Interaction.* San Diego, CA.

TALKS & PANELS
- N. Parlante, et. al. 2008. **Nifty Assignments: Asteroids (CS1-CS2)**. *39th ACM Technical Symposium on Computer Science Education (SIGCSE)*. Portland, OR.